In the specification:

Kindly amend the two consecutive paragraphs of the specification on page 9, beginning at line 4, as follows:

The data in memory queue **240** is written in such a way that it contains a header-type separator, denoted in Fig. 2 as length and protocol ("LP"), and actual message content, marked as "mm". ~~The last message of the last data is followed by a stopper designator separator, which is marked as "FM," wherein F represents a hexadecimal numerical value and M represents a predefined magic number~~. The "LP" contains at least a length field, designating the amount of data to be read in the following message. Usually this is a number of bytes to be read. It further contains a predefined identification number, also known as a header "magic number", which is used by the system to verify correctness of the queue management. ~~The use of the magic number is demonstrated herein below~~.

The last data chunk is followed by a stopper-type separator (or stopper) ~~designator to ensure~~, which is marked as "FM," wherein F represents a hexadecimal numerical value and M represents a predefined identification number, also known as a stopper "magic number". The "FM" comprises at least the stopper and the stopper "magic number". The stopper ensures that the address in read head register **230** is not incremented beyond that point. If it is reached, the system discontinues reading until such time as additional data is written to memory queue **240** by transmitter **210**. When a data message is added, the "FM" field is replaced by an "LP" field. ~~The "FM" is comprised at least of a stopper designator, which is a predefined numerical value, followed by the predefined magic number.~~

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